

### AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph on page 3, line 21 to page 4, line 2 to read as shown below.

According to another aspect of exemplary embodiments of the invention, a light guide system is ~~provide~~ provided that includes a light guide for guiding laser radiation and a data medium for identity data permanently connected to the light guide. The light guide can be releasably coupled to a laser device using a mounting device.

Please amend the paragraph on page 5, lines 13-21, to read as shown below.

The laser device 110 preferably also includes a cooling device and a system controller, the tasks of which include the control of the power of the laser radiation, the pulse duration, and the frequency of the laser pulse. Furthermore display and control devices can be integrated into the laser device 110, enabling the specific application modes and the system settings to be selected. In addition, the laser device 110 can include appropriate safety devices, both for the electrical and the optical sections. Preferably, the system controller possesses appropriate devices to enable the open and closed-loop control of the laser system 100 to be carried out by software programs. In this respect, some exemplary ~~embodiment~~ embodiments are particularly advantageous in which software programs can be replaced during an update.

Please amend the paragraph on page 6, lines 13-20, to read as shown below.

The plug 150 is preferably of a material which does not essentially screen electromagnetic radiation in the frequency range of a transmitter and receiver section of the transponder 130 and is preferably made, for example, of plastic. The plug 150 and the light guide 120 are typically connected together inseparably, and a transponder 130 can be accommodated in the plug 150. In this way, the glass fibers, the ~~socket~~ 160 plug 150 of the mounting device 140, and the transponder 130 can be permanently connected together. Preferably, the transponder 130 can be permanently welded, glued, or encapsulated in the ~~socket~~ 160 plug 150 of the mounting device 140 so that it cannot be removed.

Please amend the paragraph on page 6, line 21 to page 7, line 8 to read as shown below.

The transponder 130 typically contains a read/write memory for recording all the relevant information which is generated during the manufacture of the therapeutic light guide 120 and during the application ~~on~~ of the laser device 110. The laser device 110 is in this respect equipped with a circuit board for reading from and writing to the light-guide transponder 130. The data transmission occurs by wireless means, preferably in the RF 3.5 kHz band using an antenna. As mentioned above, data can be saved in the laser system 100 on an electronic data medium. Preferably, so-called radio-frequency identification (RFID) systems can be used in this regard. So-called transponder 130s can be fitted to the light guide 120 to be identified. The power supply for the transponder 130 and for the data interchange between the transponder 130 and the readout device 170 is typically not realized, however, through an electrically conductive contact but instead in a non-contacting manner using magnetic or electromagnetic fields.